

# Academic Pyramid of Research Publications – NMC

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**Dear Editor,**

Research publications in an indexed journal hold much weightage in the academic qualifications in India Medical institutions. As per the National Medical Council (NMC) guidelines, an “Academic Pyramid of Number of Research Publications for Broad Specialities and Super Speciality” is formulated as shown in the Figure 1. The NMC recognized indexes are Medline, Pubmed Central, Science Citation index, Science Citation index Expanded, Embase, Scopus, Directory of Open access journals (DoAJ) for the publication of original papers, meta-analysis, systematic reviews and case series

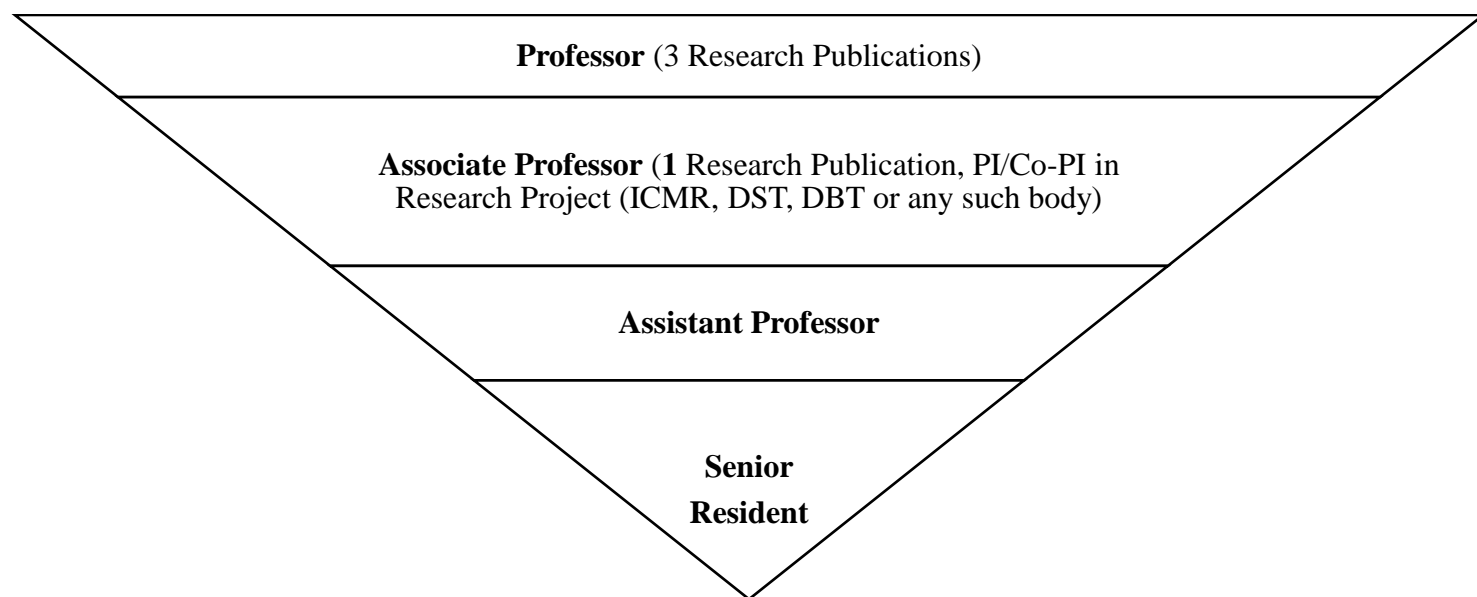
## I. Broad Specialties (MD/MS/DNB). NMC guidelines [1].

Posts	Academic Qualification	Teaching & Research Exp.
Professor/Addl. Professor (8 years of Post PG Experience)	Professor/Addl. Professor (8 years of Post PG Experience)	(i) Associate Professor in the subject for 3 years in a permitted/approved/ recognized medical college/institution with three Research publications (atleast two as Associate Professor) (only original papers, meta-analysis, systematic reviews, and case series that are published in journals included in Medline, Pubmed Central, Citation index, Sciences Citation index, Expanded Embase, Scopus, Directory of Open access journals (DoAJ) will be considered). The author must be amongst first three or should be the Corresponding author. (ii) Should have completed the Basic course in Medical Education Technology from Institution(s) designated by MCI. (iii) Should have completed the Basic course in biomedical research from Institution(s) designated by MCI. Further provided that for the transitory period of 2 years w.e.f. the date of this notification, the appointment/ promotion to the post of Professor can be made by the institution in accordance with the —Minimum Qualifications for Teachers in Medical Institutions Regulations, 1998 as prevailing before issuance of this notification.
Associate Professor (5 years of Post PG experience)	A post graduate qualification MD/MS/DNB in the concerned subject and as per these Regulations.	(i) As Assistant Professor in the subject for 4 years in a permitted/approved/recognized medical college/institution with one Research publication only original papers, meta-analysis, systematic reviews, and case series that are published in journals included in Medline, Pubmed Central, citation index, Sciences Citation index, Expanded Embase, Scopus, Directory of Open access journals (DoAJ) will be considered). The author must be amongst first three or should be the Corresponding author. (ii) Research project in lieu of publication/authorship can be considered only if the person is Principal or CoPrincipal investigator (PI/CoPI) of a research project funded by a national research body such as Indian Council for Medical Research (ICMR), Department of Science & Technology (DST), Department of Bio-Technology (DBT) or any such body. (iii) Should have completed the Basic course in Medical Education Technology from Institution(s) designated by MCI. (iv) Should have completed the Basic course in biomedical research from Institution(s) designated by MCI. Further provided that for the transitory period of 2 years w.e.f. the date of this notification, the appointment/promotion to the post of Associate Professor can be made by the institution in accordance with the “Minimum Qualifications for Teachers in Medical Institutions Regulations, 1998” as prevailing before issuance of this notification.
Assistant Professor	A post graduate qualification MD/MS/DNB in the concerned subject and as per these Regulations.	3 years Junior Resident in a recognized permitted medical college in the concerned subject and one year as Senior Resident in the concerned subject in a recognized permitted medical college. In case of DNB candidate equated to MD/MS in terms of clause 4A of Schedule-I, in addition to 3 year teaching experience in the subject as Resident/ Registrar/ Demonstrator/ Tutor/ or work experience gained during DNB training, one year as Senior Resident in the concerned subject in a recognized/permitted medical college.
Senior Resident	A post graduate qualification MD/MS/ DNB/ Diploma in the concerned subject and as per these Regulations.	Senior Resident is one who is doing his/her residency in the concerned post graduate subject after obtaining PG degree/Diploma (MD/MS/ DNB/Dip.) and is below 45 years of age.

## II. Super Speciality (DM/M.Ch./DNB). NMC guidelines [1].

Posts	Academic Qualification	Teaching & Research Experience
Professor/ Addl. Professor (5 years of Post Super Speciality experience)	Professor/Addl. Professor (8 years of Post PG Experience)	(i) Associate Professor in the subject for 3 years in a permitted/approved/recognized medical college/institution with three Research publications (atleast two as Associate Professor) (only original papers, meta-analysis, systematic reviews, and case series that are published in journals included in Medline, Pubmed Central, Citation index, Sciences Citation index, Expanded Embase, Scopus, Directory of Open access journals (DoAJ) will be considered). The author must be amongst first three or should be the Corresponding author. (ii) Should have completed the MCI recognized Basic course in Medical Education Technology. (iii) Should have completed the Basic course in biomedical research from Institution(s) designated by MCI.

		Further provided that for the transitory period of 2 years w.e.f. the date of this notification, the appointment/ promotion to the post of Professor can be made by the institution in accordance with the “Minimum Qualifications for Teachers in Medical Institutions Regulations, 1998” as prevailing before issuance of this notification.
Associate Professor/ (2 years of Post Super Speciality experience)	A super speciality post graduate qualification in DM/M.Ch./DNB in the concerned subject and as per these Regulations.	<p>(i) As Assistant Professor in the subject for 2 years in a permitted/approved/recognized medical college/institution with one Research publication (only original papers, meta-analysis, systematic reviews, and case series that are published in journals included in Medline, Pubmed Central, Citation index, Sciences Citation index, Expanded Embase, Scopus, Directory of Open access journals (DoAJ) will be considered). The author must be amongst first three or should be the Corresponding author.</p> <p>(ii) Research project in lieu of publication/authorship can be considered only if the person is Principal or Co-Principal investigator (PI/CoPI) of a research project funded by a national research body such as Indian Council for Medical Research (ICMR), Department of Science &amp; Technology (DST), Department of BioTechnology (DBT) or any such body.</p> <p>(iii) Should have completed the Basic course in Medical Education Technology from Institution(s) designated by MCI.</p> <p>(iv) Should have completed the Basic course in biomedical research from Institution(s) designated by MCI.</p> <p>Further provided that for the transitory period of 2 years w.e.f. the date of this notification, the appointment/promotion to the post of Associate Professor can be made by the institution in accordance with the “Minimum Qualifications for Teachers in Medical Institutions Regulations, 1998” as prevailing before issuance of this notification.</p>
Assistant Professor	A Super Speciality post graduate qualification in DM/M.Ch./DNB equated to DM/M.Ch. in terms of clause 4A of Schedule – I in the concerned subject and as per these Regulations.	
Senior Resident	Registered for M.Ch./DM in the concerned subject	



**Figure 1. Academic Pyramid of Number of Research publications for Broad Specialties (MD/MS/DNB) & Super Speciality (DM/M.Ch./DNB).**

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**Conflicts of interest:** There are no conflicts of interest.

#### REFERENCE :

1. The Principal Regulations namely, ‘Minimum Qualifications for Teachers in Medical Institutions Regulations 1998’ were published in Part- III, Section (4) of the Gazette of India on the 5th December, 1998 and amended vide MCI notifications dated 16/03/2005, 21/07/2009, 28/10/2009, 15/12/2009, 03.11.2010, 08.07.2011, 12.06.2012, 06.09.2012, 01.10.2012, 16.05.2015, 13.07.2016, 11.03.2017, 08.06.2017, 23.01.2018, 01.11.2018, 07.06.2019 and 16.08.2019. (<https://www.nmc.org.in/>)